INDEX

Arakeri, J. H., Das, D. & Srinivasan, J. Bifurcation in a buoyant horizontal laminar jet, 61–73

Blondeaux, P. *See* Scandura, Vittori & Blondeaux

Chen, F. *See* Chung & Chen

Chung, C. A. & Cheng, F. Convection in directionally solidifying alloys under inclined rotation, 93–123

Collins, L. R. *See* Ulitsky & Collins

Das, D. *See* Arakeri, Das & Srinivasan

Fan, Y., Tanner, R. A. & Phan-Thien, N. A numerical study of viscoelastic effects in chaotic mixing between eccentric cylinders, 197–225

Ferziger, J. H. *See* Shih, Koseff, Ferziger & Rehmann

Hardenberg, J. von, McWilliams, J. C., Provenzale, A., Shchepetkin, A. & Weiss, J. B. Vortex merging in quasi-geostrophic flows, 331–353

Heijst, G. J. F. van *See* Zavala Sansón & Heijst

Karsten, R. H. & Swaters, G. E. Nonlinear effects in two-layer large-amplitude geostrophic dynamics. Part 1. The strong-beta case, 125–160

Karsten, R. H. & Swaters, G. E. Nonlinear effects in two-layer large-amplitude geostrophic dynamics. Part 2. The weak-beta case, 161–196

Koseff, J. R. *See* Shih, Koseff, Ferziger & Rehmann

Lasheras, J. C. *See* Rightley & Lasheras

Maslov, A. A. *See* Mironov & Maslov

McWilliams, J. C. *See* Hardenberg, McWilliams, Provenzale, Shchepetkin & Weiss

Mironov, S. G. & Maslov, A. A. Experimental study of secondary instability in a hypersonic shock layer on a flat plate, 259–277

Nott, P. R. *See* Singh & Nott

Phan-Thien, N. *See* Fan, Tanner & Phan-Thien

Provenzale, A. *See* Hardenberg, McWilliams, Provenzale, Shchepetkin & Weiss

Rehmann, C. R. *See* Shih, Koseff, Ferziger & Rehmann

Rightley, P. M. & Lasheras, J. C. Bubble dispersion and interphase coupling in a free-shear flow, 21–59

Scandura, P., Vittori, G. & Blondeaux, P. Three-dimensional oscillatory flow over steep ripples, 355–378

Shchepetkin, A. *See* Hardenberg, McWilliams, Provenzale, Shchepetkin & Weiss

Shih, L. H., Koseff, J. R., Ferziger, J. H. & Rehmann, C. R. Scaling and parameterization of stratified homogeneous turbulent shear flow, 1–20

Siegel, M. Cusp formation for time-evolving bubbles in two-dimensional Stokes flow, 227–257

Singh, A. & Nott, P. R. Normal stresses and microstructure in bounded sheared suspensions via Stokesian dynamics simulations, 279–301

Srinivasan, J. *See* Arakeri, Das & Srinivasan

Swaters, G. E. *See* Karsten & Swaters

Tanner, R. I. *See* Fan, Tanner & Phan-Thien

Ulitsky, M. & Collins, L. R. On constructing realizable, conservative mixed scalar equations using the eddy-damped quasi-normal Markovian theory, 303–329

Vittori, G. *See* Scandura, Vittori & Blondeaux

Weiss, J. B. *See* Hardenberg, McWilliams, Provenzale, Shchepetkin & Weiss

Zavala Sansón, L. & Heijst, G. J. F. van Nonlinear Ekman effects in rotating barotropic flows, 75–91